

Southside Virginia Training Center

Heating Plant Month Operations Report

7/31/2009
11:59 PM
Monthly Report

Description

	Plant	Units			
Heating Degree Days	7.01	hdd			
Total Plant Steam Flow	3,748.93	klbs			
Steam Flow Per Heating Degree Day	422.6	klbs/hdd			
Total Condensate Return Water Flow	159.1	klbs			
Total Plant Gas Flow	4,718.82	kscf			
Total Plant Gas Cost	\$52,206.82	\$			
Total Plant Oil Flow	0.0	gals			
Total Plant Oil Cost	\$0.00	\$			
Total Plant Fuel Cost	\$52,206.82	\$			
Fuel Cost Per Heating Degree Day	\$5,857.34	\$/hdd			
Plant Average Steam Cost Per Degree Day	\$0.78	\$/klbs			
Total Plant Efficiency By I/O	78.2	%			
Condensate Transfer Pump #1 Run Time	185.4	hrs			
Condensate Transfer Pump #2 Run Time	209.3	hrs			
Condensate Transfer Pump #3 Run Time	341.8	hrs			
Boiler Feed Pump #1 Run Time	152.3	hrs			
Boiler Feed Pump #2 Run Time	176.0	hrs			
Boiler Feed Pump #3 Run Time	180.6	hrs			
Boiler Feed Pump #4 Run Time	227.6	hrs			
Fuel Oil Pump #1 Run Time	0.0	hrs			
Fuel Oil Pump #2 Run Time	0.0	hrs			
	Boiler 1	Boiler 2	Boiler 3	Boiler 4	Units
Run Time	161.7	178.9	160.0	209.5	hrs
Steam Flow	837.74	959.83	863.55	1096.81	klbs
Gas Flow	1073.63	1152.42	1077.07	1415.70	kscf
Natural Gas Cost	\$11,877.99	\$12,749.83	\$11,916.30	\$15,662.70	\$
Oil Flow	0.0	0.0	0.0	0.0	gals
Oil Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$
Total Fuel Cost	\$11,877.99	\$12,749.83	\$11,916.30	\$15,662.70	\$
Average Steam Cost	\$14.17	\$13.41	\$13.67	\$14.57	\$/klbs
Efficiency By Losses	81.0	82.1	82.0	82.3	%
Efficiency By I/O	76.5	80.8	79.3	74.4	%